



### Key Features

- 16:9 Full HD 1080p Resolution Panel (1920x1080)
- Motionflow™ 120Hz technology delivers natural motion
- Slim bezel, thinnest of Sony® BRAVIA HDTVs
- DMe<sup>x</sup>™ capable<sup>3</sup>
- BRAVIA Engine™ 2 fully digital video processor
- Advanced Contrast Enhancer circuit (ACE)
- Dynamic Video Noise Reduction
- 24p True Cinema™ capable
- DLNA® compliant<sup>2</sup> (RJ-45 Ethernet)
- 10-bit processor / 10-bit panel
- Deep Color (HDMI™ v1.3 option)
- Live Color Creation™ technology featuring the WCG-CCFL backlight
- Digital Media Port
- Xross Media Bar™ (XMB™) user interface



### Key Technologies

**16:9 Full HD 1080p Resolution Panel** 16:9 Full HD 1080p resolution panel (1920x1080) accepts any HDTV signal and renders it with optimum resolution.

**Motionflow™ 120Hz technology** Motionflow™ 120Hz technology doubles the number of frames in incoming video content by creating and inserting sixty entirely new frames between the existing sixty frames in real time. In addition to creating new frames, Motionflow™ 120Hz technology also includes an Image Blur Reduction algorithm, which reduces source image blur captured by the camera, as well as a de-juddering circuit to help reduce jerking and stuttering during sweeping pans. The end result is smoother, more fluid motion that delivers a natural and realistic viewing experience.

**DMe<sup>x</sup>™ enabled** DMe<sup>x</sup>™ functionality<sup>3</sup> expands your HDTV's capabilities by letting you connect optional BRAVIA® Link modules, including the BRAVIA® Internet Video Link, BRAVIA® DVD Link, BRAVIA® Wireless Link and BRAVIA® Input Link (all sold separately).

**BRAVIA Engine™** BRAVIA Engine™ fully digital video processor uses a collection of unique Sony® algorithms to significantly reduce noise, enhance overall image detail, and optimize contrast so every scene produces sharp, vibrant, life-like images.

**Advanced Contrast Enhancer circuit (ACE)** Advanced Contrast Enhancer circuit (ACE) dynamically improves contrast, resulting in deep blacks in darker scenes without losing fine details in shadows and other dark areas of the picture.

**Dynamic Video Noise Reduction** Dynamic Video Noise Reduction adaptive technology analyzes the motion, sharpness, and brightness of each scene in real time to identify various types of noise and reduce unwanted artifacts without compromising the video signal.

**24p True Cinema™ capable** 24p True Cinema™ mode enables you to enjoy films at their intended 24 fps (frames per second) when viewed using a 24p capable output device, such as a Blu-ray Disc™ player.

# KDL-46Z4100/S

## 46" BRAVIA® Z Series LCD TV

### Features

#### General

On-Screen Display: Enhanced GUI + XMB  
Auto CC on Mute: Yes  
BRAVIA® Link Module support: Yes

#### Display

Panel Type: LCD  
Display Technology: LCD (178° wide viewing angle LCD display panels)

#### Video

Video Processing: Yes (Bravia Engine 2™ Technology)  
CineMotion® Reverse 3:2 Pulldown Technology: Yes  
Game Mode: Yes  
Wide Mode: Wide Zoom, Normal, Full, H Stretch, Zoom  
Deep Color: Yes  
3D Comb Filter: Yes  
PhotoTV HD: Yes  
MPEG Noise Reduction: Yes  
Live Color Creation™ Technology: Yes  
Auto Wide: Yes  
4:3 Default: Yes  
24p True Cinema™ Technology: Yes  
x.v.Color™ Technology: Yes  
Picture Mode: Vivid, Standard, Cinema, Custom; Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom  
Advanced Contrast Enhancer (ACE): Yes  
Image Blur Reduction: Yes  
Motionflow™ Technology: Motionflow™ 120Hz

#### Audio

Digital Amplifier: Yes  
Voice Zoom: Yes  
Auto SAP: Yes  
Auto Mute (on no signal): Yes  
Steady Sound® Automatic Volume Control: Yes  
Audio Out: Fixed  
Sony Original Surround: S-Force®  
Stereo System: MTS  
Dolby®: Dolby® Digital  
Alternate Audio (Digital): Yes  
Sound Booster: Yes  
5.1 Channel Audio Out: Yes  
Sound Mode: Dynamic, Standard, Clear Voice

#### Convenience

Channel Jump: Yes  
Favorite Channel: Yes  
Program Guide Access: Yes  
Multiple Language Display: English, Spanish, French  
Info Banner: Yes  
Sleep Timer: Yes  
Input Skip: Yes (Auto)  
Channel Surf: Yes  
Channel Block (with password): Yes  
Edit Channel Labels: Yes  
Label Inputs: Yes  
ID-1 Detection: Yes  
Initial Setup: Yes  
On/Off Timer: Yes  
PAP (Picture & Picture): Yes  
Swap Sound: Yes  
Theatre Mode (Theatre Button): Yes  
Show/Hide Channels: Yes  
PAP (Fixed or Variable): Fixed  
BRAVIA® Sync™ : Yes

Parental Control: Yes  
BRAVIA® Sync™ Menu Button: Yes  
PIP (Picture in Picture): PC Input  
Channel Labels: Yes  
On-Screen Clock: Yes  
TV Guide On-Screen: Yes

### Specifications

#### General

Television Type: Flat Panel LCD HDTV

#### Display

Viewing Angle (Right/Left): 178°  
Viewing Angle (Up/Down): 178°  
On-screen Contrast Ratio: 3,000:1  
Dynamic Contrast Ratio: 30,000:1  
Screen Size (measured diagonally): 46" Class (45.5")  
Native Resolution: 1920 x 1080  
Display Resolution: 1920 x 1080p (Full HD)  
Aspect Ratio: 16:9

#### Video

Video Signal: 480/60i, 480/60p, 720/60p, 1080/60i, 1080/24p (HDMI™ only), 1080/60p (HDMI™ / Component)

#### Audio

Audio Power Output: 20W (10W x2)

#### Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear)  
Composite Video Input(s): 3 (1 Side/2 Rear)  
Digital Audio Output(s): 1 (Rear) Optical Digital Output  
RF Connection Input(s): 1 (Rear)  
S-Video Input(s): 1 (Rear)  
Analog Audio Input(s) (Total): 6 (5 Rear/1 Side)  
Audio Out: 1 (Rear)  
HDMI™ Connection(s) (Total): 4 (3 Rear/1 Side)  
PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)  
HDMI™ PC Input: Yes  
S-Video Detection: Yes  
AC Power Input: 1 (Rear)  
Digital Media Port: 1 (Rear)  
Analog Audio Input(s) for HDMI™ : Yes

#### Power

Power Consumption (in Standby): 0.1W  
Power Requirements (voltage): AC 120V  
Power Consumption (in Operation) max.: 285W

#### Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes  
VESA® Hole Pitch: 300 x 300 mm, M6 Screw Type, 16mm Screw Length

#### Service and Warranty Information

Limited Warranty Term: 1 Year Parts / 1 Year Labor

#### Energy Saving & Efficiency

LightSensor™ Technology: Yes  
Power Saving Modes: Yes  
Energy Star® compliant: Yes

#### Dimensions

Weight: 58 lbs. (26kg) with pedestal; 49 lbs. (22kg) without pedestal  
Measurements: 42 1/2 x 29 x 12 1/8 in (1079 x 734 x 307mm) with pedestal; 42 1/2 x 27 1/8 x 3 in (1079 x 686 x 74mm) without pedestal

#### Supplied Accessories

RM-YD024 Remote Control  
Batteries (Type AA x 2)  
AC Power Cord  
Operating Instructions  
Quick Setup Guide  
Warranty Card  
On-line Registration Card  
Cable Clamper  
Open-source software flyer

#### Optional Accessories

RHT-G1500 Stand  
RHT-G900 Stand  
WS-S10LS Stand  
SU-WL500 Wallmount Bracket

Color: Brushed Metal finish  
UPC Code: 027242736610

1. Limited to resolutions supported by both the PC and the Sony® HDTV. See Sony® HDTV users manual and PC documentation for the supported resolutions
2. Media streaming requires a PC with Microsoft® Windows XP, SP2 or later, or DLNA-compliant media server. Home network required and sold separately.
3. Requires BRAVIA® Link modules, sold separately.
4. BRAVIA® Sync works with select Sony home theater products. Please refer to owner's manual for compatibility.

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